

MII

Users Association of America

c/o Gardy-McGrath International • 8580 Cinderbed Rd. Ste 1000 • Newington, VA 22122
(800) 966-1030 • (703) 339-8500 • Fax (703) 339-0764



* Many thanks to Russ Beckner, rdb productions, inc.- for the new Masthead he created for us.

MII Playback

Monthly Newsletter of the MII Users Association of America

January 1992

Vol. 1, No. 10

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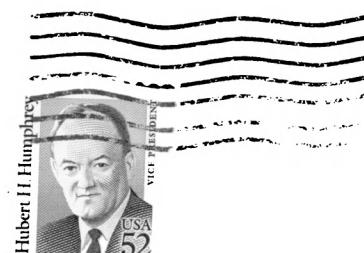
Panasonic Tech Bulletin Listing for the AU-550

Membership Listing (over 500 members strong!)

And a Whole Lot More...



MII Users Association of America
c/o GMG International Inc.
8580 Cinderbed Rd, Suite 1000
Newington, VA 22122



Commentary from the Executive Director

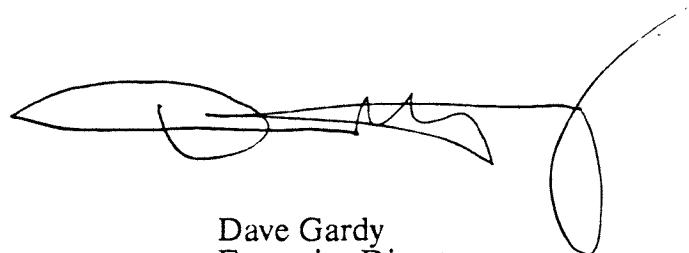
"CALL FOR PAPERS"

This month's edition offers an extensive perspective of user desires based on the survey responses we received from last month. I was pleased to see such a large number of "excellent" and "very good's" relative to our performance. But judging from some of the comments we received, there is much more we could and should be doing, specifically in the area of technical information.

In the interest of promoting discourse on MII technical issues we are issuing a "Call For Papers" to the membership. I am sure there is a wealth of knowledge, especially among the engineers and technicians in our group which would greatly benefit the organization as a whole. If you're not a writer...relax. Just get us the basic technical information and data, and we'll arrange it into a feature that will serve the membership. These "papers" don't have to be voluminous! A paragraph or two would be just fine. For those who would be interested in presenting a formal paper in a technical forum, however, we would be happy to feature it as such in the newsletter and offer it as a seminar at a Users Day Meeting.

We will also initiate a program to solicit papers and technical features from Panasonic's engineers and service personnel. There's a wealth of MII technical information in Secaucus and the responsibility lies with the association to provide a forum for the dissemination of this data to the membership. So if you've got something to offer technically, or know someone who does, the membership wants to hear from you.

There are many other areas where improvement could take place and we will endeavor to work to enhance member services in 1992. In the next issue, we will provide a complete schedule of our 1992 NAB activities. I am happy to see so many members planning to attend and we are planning a user's day type gathering where we'll burn Beta Boy in effigy (just kidding). Stay tuned...



Dave Gardy
Executive Director
MII Users Association of America

Editors note: You can reach the association at (800)966-1030, (703)339-8500, fax (703) 339-0764 or by mail: MII Users Association of America, c/o Gardy-McGrath Int'l Inc., 8580 Cinderbed Rd, Suite 1000, Newington, VA 22122

MII Man is on vacation for a few days, he'll be back soon!

Letters to the Editor

FAX MEMO

TO: DAVE GARDY: M-II USERS ASSOC.
FR: DAVE ADSIT, MARKETING, JRC PRODUCTIONS
DT: 02/13/92
RE: "TIPS ON HIRING A VIDEO PRODUCER"

Only recently, our company signed on as a member of the Association. As a medium-sized, full-service production facility using M-II as our main editing platform, we have a tremendous interest in the drive to establish M-II as a mainstream format with the industry respect it deserves.

As a marketing representative, there isn't a workday that goes by for me without having to answer the question "What in the hell is M-II?" at least once. Inevitably, clients and prospects have at least heard of Betacam. For those who can understand a technical spec chart, I can make a favorable comparison just by letting facts speak for themselves. Most of our customers are laymen, though. They care not so much about tape coercively and track width as they do about how their production will look in their living room. They "know" Betacam is a good, professional format, because some "expert" told them so. And with the plethora of consumer-grade formats out there, they have good reason to be suspicious of something they've never heard of.

That's why I take an almost perverse pleasure in bringing the following article to your attention. It appeared in the Chicago Film & Video News that arrived in this morning's mail. This is a local trade magazine that endeavors to explain the "complex, mystical" world of video production to anyone with an interest, published by a company that produces similar magazines for a dozen other trades, such as real estate and truck fleet management.

The article, "Tips on Hiring a Video Producer," offers pointers as if video production were comparable to transplant surgery. And, sure enough, it recommends Betacam with suspicious certainty. You can see for yourself that for everyone who reads this, Betacam is the "highest quality video available," and other formats "provide a light cost-savings in exchange for reduced quality." The Sony Corporation couldn't have paid for a better ad.

Now that my chest pains have subsided, I'm turning to you and the Association. Rather than respond to the author and publisher myself, I'd prefer to have the Association catch this scent of blood. The ignorance (or perhaps... dare I say... deliberate oversight?) reflected in what follows should be significant to all who, like JRC Productions, have a vested interest in establishing M-II's rightful image as that of a legitimate, first-class format.

Once you've decided how to mobilize the Association's swift yet deadly response, please let me know how it goes. Thanks for your help!

(Editors note: We have included an excerpt from the subject article here.)

**Excerpted from a Chicago Film & Video News article:
"Tips on Hiring a Video Producer" by Brian Boden**

"Aside from crew services, clients must be prepared to analyze the type of equipment offered by each producer. To achieve the highest quality video available, a Betacam equipment package that includes Betacam SP tape stock is preferable for remote shooting. The "SP" is a distinguishing characteristic that indicates metal tape stock. If the "SP" is not prevalent, clients need to ask producers what type of tape stock will be used during the shoot.

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(Other options for remote shoot tape stock include: standard Betacam, 3/4-inch SP and standard 3/4-inch. These options provide a light cost-savings in exchange for reduced quality. If a stage shoot is included in a producer's bid, clients may see 1-inch tape stock listed for stage recording. 1-inch tape stock offers virtually the same high quality as Betacam SP.)"

JRC Productions
528 North Lake Street
Aurora, IL 60506
Attn: Dave Adsit

Dear Mr. Adsit,

Thank you for bringing this to my attention. This isn't the first time that someone in the media has neglected to include MII in the range of high-end production formats available to producers. It's testimonial to why the Users Association exists... and clearly shows how much we still need to accomplish.

I contacted the author, Mr. Brian Boden, indicating that I had the full weight of the membership curious as to why MII wasn't mentioned. He confided that he had never worked with the format, nor had he heard anything bad about it. He apologized if he offended anybody and indicated an interest in learning more about it. (I promised him that he would.)

I then contacted Ms. Donna Proske, the editor of the Chicago Film and Video News. She also confided a lack of knowledge concerning the format but wished to learn more for the benefit of her readers. She graciously offered us the opportunity for equal time, which we quickly accepted, and we will be forwarding a detailed feature on the benefits of MII for publication in her periodical.

The result...more press for MII, thanks to the eagle-eye of a dedicated member. Lets channel the press frustration factor into action!!! We deserve and can get the coverage we need if we all work together. (And I know that people aren't always anxious to give us the coverage. But we have "plans" for those situations also. Call us.) If any member out there knows of an "oversight" which has occurred in the trade press, let us use our influence as a 500 facility army to "enlighten" the masses. We'll get results!!!

Hats off and thanks again to David Adsit of JRC Productions.

Mr. Rich Kraemer, Production Director, PSMedia Video Productions, Tumwater, WA writes:

Kudos to Panasonic and MII! When PSMedia made the first major equipment purchase way back in 1980, we went to Sony first. They as much as said we weren't big enough and very much effort to help us would be counter-productive. It didn't seem to matter that we were beginning our business with future purchases to come and that we had nearly a hundred thousand dollars in hand--so, we went to Panasonic and JVC 3/4" equipment and the rest is history...at least as far as where we purchased is concerned.

When we were ready to upgrade, we didn't just assume Panasonic MII was for us. We looked around at what was on the market, including Beta SP and decided that for the invested dollar we could get a better value with MII. We didn't really want to do business with Sony considering our experience in the past but that didn't keep us from giving them a shot since the bottom line is a quality product for our clients.

Beyond quality, one of our concerns was...could we get the support we needed if we bought MII? Panasonic was there for us when we were into 3/4" --they came through again and again during that time. We didn't really expect anything less.

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But when we recently traveled to Addis Ababa, Ethiopia to shoot a production we were concerned about being able to repair equipment in such a remote area (we took MII). One call to Panasonic and they went above and beyond the support they had always shown us. I won't go into detail here, but you can take my word for it, at Panasonic, we're not too small for them! They were there for us, every step of the way. I'll put a name to "they" too--Al Jones. We couldn't ask for a better Panasonic representative than Al (Seattle Office).

We continue to get great reviews on products produced on MII. In fact, our company recently hired a producer from Oregon who was sold on Beta SP. After doing his first production on MII however, he was surprised and pleased with the quality of the final product saying it was every bit as good or better than Beta SP.

I can't say enough about MII, and Panasonic. I guess thanks will have to be enough!

News Briefs

DESKTOP VIDEO: MII AND TOASTER = COST-EFFECTIVE NATIONAL PRODUCTIONS!

St. Petersburg, Florida.

Medfo, Inc., a producer of medical information videos, is pleased to announce the release of a 35:00 production, "Neurodiagnostic Testing" for national sales and distribution. The new production company keeps costs down and quality up by using MII, the Video Toaster, and a three-person crew. Producer/Director Dennis McDougall handles the writing, editing, marketing, and advertising while Jim Wideen operates camera, edits, and produces the computer graphics. Owner John Lenhart D.C., M.D. is the creative director and long-range planner and participates actively in story development. They are also experimenting with producing their own music effects on a Kawai keyboard with a MIDI interface to a Macintosh Classic. Medfo, Inc. uses a Panasonic 300 CLE camera docked to a Panasonic AU-400 MII camera recorder for field and studio shoots. The editing suite incorporates the newest Panasonic AU-63 MII player with Automatic Tracking feeding an AU-65 MII recorder through NewTek's Video Toaster. The variable mode and instant full-speed from still incorporated in the AU-63 enhances the effects produced by the toaster.

Both decks are equipped with time code generator/readers that link up to the Nucleus single frame edit controller and the Lightwave 3-D software program.

Hosted by Dr. Lenhart, the "Neurodiagnostic Testing" production contains numerous multiple generation graphics that not only educate but entertain the national market of Trial Attorneys, Chiropractors, and Insurance Claims Adjustors. The information content of the tape gives Attorneys and Insurance Adjustors the background needed for personal injury litigation. It also provides Chiropractors with a basis from which to obtain necessary clinical documentation for their patients. The tape sells for \$139.00

Contact Dennis McDougall (813) 521-4120 for further information.

If you have any recent happenings, send us your press release or fill out one of our press release forms, we'll print it in the "MII Playback" and forward the releases to the trade magazines that we deal with. Please mail or fax your information to the association. Fax (703)339-0764

MII Users Association of America, c/o GMG International, Inc., 8580 Cinderbed Rd. Suite 1000, Newington, VA 22122

MII Job Shop

A forum provided to the membership to publicize both employment opportunities and talent availability for MII expertise. This new job referral service will be provided in future issues. If you are interested in offering your MII experience on the open market, or are looking for MII expertise to fill certain positions, we will publish your ad, anonymity protected if requested. Please send all employment opportunities, resume's, adcopy, etc. to the association.

MII Duplication Facilities

If you are a duplicator, or if your facility does duplication in addition to its other services, and you are an MII User. The Association needs to know about it. In recent weeks we have been swamped with inquiries about MII Duplication. We'd like to compile a listing of MII Duplicators which we can run in the newsletter and make available to those who need MII duplication services. Please contact the Association to be included in the listing.

Currently our list includes:

Advanced Audio Video, Denver, CO 800-668-0406
American Magnetic Media, Denver, CO 800-USA-TAPE
AME, N.Hollywood, CA 800-336-3827
CenterCom, Milwaukee, WI (414)353-2001
Copymaster Video, Villa Park, IL (708)279-1276
ECI, Dallas, TX 800-880-9400
Global Vision, Reisterstown, MD (301)356-6715
Industrial Audio Video, Houston, TX (713)535-2375
MagneTech, Ft. Lauderdale FL 800-683-DUPE
Media Concepts, St. Petersburg, FL (321)2122
Multi-Magnetics, Denver, CO (303)825-7768
Video Duplication, Atlanta, GA 800-235-9732
Video Duplication Services, Columbus, OH (614)221-0899
Video Transfer, Rockville, MD (301)881-0270

If you are not currently a member of the MII Users Association of America and would like to join (no membership fee!) please call or drop us a line.

To contact the Association, please call (800)966-1030, or (703)339-8500 fax(703)339-0764 mail should be sent to:
MII Users Association of America
c/o Gardy-McGrath Int'l, Inc.
Suite 1000
Newington, VA 22122
Attn: Debbie

INFOCOMM 1992

a report to the MII Users by
Debbie Stafford, Administrative
Coordinator

The Association was in attendance at Infocomm 92, February 6-8, at the Washington Convention Center in Washington, DC. Located across from Panasonic, with a booth space contributed by Gardy-McGrath, we showed the 1991 MII User Awards winning tapes (in MII machines, naturally). Many convention goers stopped to watch the monitors and ask questions about the productions and the Association. Newsletters and MII buttons were distributed and quite a few new members were added to the list. It was great to finally meet so many members in person, and I want to thank everyone that stopped by. Special thanks also go to Lloyd Reed of Reed Film & Tape, who spent most of the day on Thursday helping at the booth.

Many MII Dealers wanted to know how their MII users can join. I told them to either, call or fax to me the name, address & phone number of their users, or give them the Association 800 number and have them call me directly. I also spoke to many potential MII Users who were interested in acquiring MII, I put MII through its paces for them and answered questions they have had.

It was interesting to see the number of people who stopped by the booth to ask, "what is MII?" *They hadn't heard of it before.* Since INFOCOMM was geared towards a Multi-Media/Presentation market (as was evidenced by the overhead projectors, film projectors, video walls, computer display systems, etc.) it's easy to see how people might not have heard of MII, Betacam, and 1 inch. With the increasing popularity of Desktop Video, however, many are now entering into this territory for the first time and need to be informed about their video format options.

Tips for Rendering to the AU-65 from Lightwave 3D

*Submitted by Doug Vetter,
Gardy-McGrath Int'l*

The Panasonic AU-65 is a popular choice as a record machine for 3D animators using Lightwave 3D and the Video Toaster. Gardy McGrath has successfully been using this combination, along with a BCD 5000 video controller, for almost a year with excellent results. To reduce wear and tear on the record machine, simplify rendering of cyclic motions, and increase reliability; we render our animations to sequences of RGB files using the "Save Images" command in the Record menu of Lightwave. This generates a series of 24-bit IFF files that we then call in as a background sequence in an empty scene.

This method has several advantages over rendering directly to tape. A typical frame may take five to ten minutes to render on our 68040 accelerated Amiga, but the rendered image can be called up and laid to tape in less than thirty seconds. This save a tremendous amount of wear and tear on the record machine, because it doesn't have to sit there burning head hours while the computer is calculating the next frame. (You can set the "Standby-Off" parameters of the AU-65 to ten seconds and drum stop, but this is rough on the tape.)

Another advantage is that cyclic motions only have to be rendered once, and can be repeated when being laid to tape. It is even possible to render a segments in reverse by using a negative frame advance command.

The advantages to using the "Save Images" command over the "Save Frames" command in Lightwave include the fact that image files are generally much smaller than the fixed Framestore size of 709K, so that many more files will fit on a

given disk. Also, when rendering from Framestores, a flickering effect is evident because the Toaster renders Framestores to alternate Framebuffers, which have a slightly different black level.

Two additional tips: Render with the camera set for "Antialiased" resolution, but don't use the "Full Size Save" option under "Save Images." This generates IFF files that are too large to read back into Lightwave. Also, when playing back the finished animation, set the camera to "High Resolution". This renders background images faster with no loss of quality.

If you have questions, Doug can be reached at Gardy-McGrath International, (800) 966-1030 or (703) 339-8500

Monthly Tech Tip

Chuck Hashim of Precious Memories Video, Bakersfield, CA offers us this month's Tech Tip about **Camera Viewfinders**. Those of us who use the Panasonic WV-F200 and WV-F300 cameras (200CLE & 300CLE) are aware of some of the limitations of the WV-VF38A 1.5" electronic viewfinder. Chuck tells us that the WV-VF39 1.5" electronic viewfinder, which comes with the Panasonic WV-F250 camera, makes a great replacement viewfinder. It has improved resolution and features over the WV-VF38A and it works well with the 200CLE & 300CLE cameras. Chuck can be reached at (805)324-8947.

This column can't happen without your input, if you have a Tech Tip you'd like to share, please send or fax it to us at the Association. Fax (703) 339-0764 or mail it to us at:

*MII Users Association of America
c/o Gardy McGrath Int'l Inc.
8580 Cinderbed Rd. Suite 1000
Newington, VA 22122
Attn: Debbie*

MII Trading Post

Panasonic AU-63, MII Studio Player, Demo, \$10,000.00, **Panasonic AU-65, MII Studio recorder/editor**, Demo, \$10,000.00, **Panasonic AU-60, MII Studio** Low hours with time code, \$10,000.00. Contact Jack Miller at (914) 592-4151 (NY)

Panasonic AU-650, MII Studio recorder/editor, 200 hours, (2 available), asking \$10,000.00.

Panasonic AU-500, MII Portable, (1 available) Includes Portabrace, power supply, batteries and some tapes, asking \$5,000.00. Contact David Claybaugh at (513) 738-0880 (OH)

Panasonic AU-500, MII Portable, less than 100 hours on the heads \$9,000.00. We are selling our entire inventory of video equipment. All items are in excellent condition. The prices are negotiable, many items have been used only once, we are willing to sell the entire inventory at a special price. Other equipment available; Sony M-7 camera, \$9,500.00, AG-7400 SVHS recorder \$1,600.00. Accessories are also available, space limitations prevent listing them all here. For further information please contact William L. Gosa, Jr. O/(612)736-4815, H/(612)698-3379 (MN)

Panasonic AU-650, Studio recorder/editor, with auto tracking, TBC, TC for slow motion and still, low hours, excellent condition. \$23,500.00 plus shipping. **JVC KR-M 460U MII Portable- 3-years old, low hours, excellent condition**. Can be used as source in edit configuration. Battery pack, charger-AC, Porta-brace case. \$6,700 plus shipping. (206) 322-6555 Tom Kramer 8:30-5 PST (WA)

Panasonic AU-B110, 10 amp/12v power supply. Brand new, never removed from factory sealed box. From Midwest Comm. liquidation sale. \$790.00 retail, will sell for **\$300.00**. Contact Russ Beckner, **rdb productions, inc.** (513) 422-9552 (OH)

I-DENT TBC 7, 1yr old, Excellent Condition, \$1,200.00, **Evertz E2 Interface**, for JVC 9 pin serial to 45 pin parallel editor interface, \$600.00, **Digital Creations Super Gen 2000s**, Y-C video slot board genlock for the Amiga, \$600.00, for further information contact, Terry Grant, Grant Booker Video, (612) 870-0028.(MN)

JVC KM-1600 Y/C Special Effects Generator, Features:4- Y/C Inputs, Chroma Keying, DSK (Downstream Keyer) function, Auto Transition Function, Color Matte & Color Bars Generator, Flip-Flop Bus, Built in Data Memory, Black Burst, GPI Function. Used in MII A/B Roll Editing System. Price \$4,000.00 Contact Biff VanCleve, Legal Media Center (713) 963-0397.(TX)

Wanted, One or two, Panasonic AU-IA30 serial to parallel converters originally manufactured for use with Panasonic MI AU-300. Please call Gary Lord (310) 825-0448.(CA)

NEW MII DEALER Call for pricing on new and used equipment and all lengths of tape stock. Professional Video & Tape, Inc. (503)598-9142 (OR)

Do you have a need to use a Betacam Camera with your AU400 MII Recorder? Telemetrics manufactures a Betacam to MII Camera Recorder sandwich adapter. contact Telemetrics at (201) 423-0347 or fax (201) 423-5635. (NJ)

Do you have used MII videotape that you don't know what to do with? *Carpel Video buys used MII videotape*, contact them at (800) 238-4300, fax (301) 694-9510.

New MII Tape-Now Magnetech is offering MII Videotape for sale, all lengths, in stock, for further information contact Michael Pardo at MagneTech (305) 791-6711. (FL)

If you have equipment you would like included in the next Trading Post, please contact us in writing, either by fax or mail at MII Users Association of America, c/o GMG International Inc., 8580 Cinderbed Rd. Suite 1000, Newington, VA 22122, Attn: Debbie. Fax (703) 339-0764.

Please contact us when the equipment is sold.

Also Available for A Limited Time Only:

AU-TB50B - Digital Component TBC for the AU-500, AU-520 and AU-520S.
Brand New
List Price \$10,000 *Offered at \$5,500*

AU-A50 - Portable Edit Controller-Built in Color bar and Black burst generator Time code editing and color framing, RS-422A control ports, one event memory, preroll time is selectable(from the front panel): 3,5,7 or 10 seconds, 8 digit LCD display to display tape time as well as Edit IN/Out (TC or CTL). Jog, Variable and Shuttle control with knob. Audio Split Editing. Editing functions include: Preview, Review, Go To, Auto-Edit and Trim, Assemble/insert selection with Video, Audio 1 or 2 or both or time code.

Brand New.

List Price \$3,500 *Offered at \$1,750*

For further information on these items, please call Debbie at the Association Headquarters (800) 966-1030 or fax inquiries to (703) 339-0764.



AU-TB50B

AU-A50

Monthly Survey Responses

" How are we doing?" Members comment on the Association"

1. How would you rate the job the Association is doing?

Excellent 41.46% Very Good 40.24% Good 12.20% Fair 0% Poor 0% No Opinion 6.10%

Comments: *Doing a great job.* * Promoting/supporting a format is a unique undertaking with today's hi-speed technology changes, more formats are undoubtedly on the way, but maybe the users group will lead to an even better price/performance ratio. * You're keeping Panasonic & Sony alert to user considerations which they can focus on. Keep it going!!! * Membership in the Association has led to valuable contacts for us. * Users that made a major investment in their MII equipment need your kind of support. * Looking forward to continued growth. * Two specific cases within the last month, the Association was able to provide specific contacts in helping me to solve problems that dealt with MII machine control. * You are vital to the future of MII. * The progress so far from your "infancy" has been remarkably well received, continue onward. * Being one of two users in this market (and having no relations with them) It's great to hear what is happening nationally, what other members are experiencing. * It's nice to have a friend in the MII business. * Make 'em "Cry Uncle" (me too's). You have brought the issue of take Beta SP or Leave it to the surface. It's nice to have a choice. * Information is great, we are getting many benefits from the association. * Informative and much needed service. * Keep up the good work! * We appreciate the time and effort! * We need to continue to let users know that MII is here to stay and Beta Boy isn't the only game in town. * I appreciate having a source of information and help. Also since there is power in numbers it is nice to have a large voice that Panasonic will hear. * Good mix of topics covered, good to see list of other users. * Association is doing a VERY GOOD job, I give excellent ratings to very few services, but yours comes close... * Great newsletter! You really seem to have your finger on the pulse of the industry. * Not been a member that long, newsletter is great. * It is nice to have such a clearing house for tech info on this format. Let's get some production info! * Have garnered good information from other users regarding audio problems, including some inherent problems in switching from linear to FM channel. * Thank you for organizing the group. * Earlier newsletter mailings. * We all enjoy the monthly newsletter here. * The Association is doing a very good job. I would not have all the information I now have or networking capabilities without the MII Users Association information in the newsletter has kept me from making bad purchasing decisions. * Everyone is busy! It's great that someone is taking the time to bring users together, it benefits us all! * You are providing a much needed service to both Manufacturers/Dealers and Users. * I like MII Man, it really hits the nail on the head. * I am new to the organization, but I am very impressed with what I have seen. * Good referral network. * Very helpful. * Like the fact that it demonstrates a larger-than-thought user base for the format. Technical info also very useful. * Many times I have been assisted by other members of the association, whom I never would have known of or been able to contact if it weren't for the association. This is extremely comforting and confidence building for me to stay with the format. * I would like to see a column on "Problems & Fixes" from actual user files. Are the failures too high to report? * List members by facility type. * Good communications with Panasonic. I often learn about service bulletins thru newsletter before Panasonic notifies me.

2. Are there any specific areas that you would like to see changed or addressed to better serve our members?

Yes 45.12% No 54.88%

Comments: *A annual meeting like the one in October 91 with Panasonic.* * More tips and helpful hints from users. * Spearhead an "MII awareness" program among manufacturers of edit controllers, audio synchronization systems, etc. * Instead of always addressing how great MII is-why not bring up problems USERS are having w/MII- if these problems can be solved in any way you may be able to keep a couple of Users that lost all hope for MII. * More input from Panasonic Management. * More technically oriented, less Panasonic Propaganda. * There are developing two distinct worlds of video. Traditionally based and desktop based. The one area of agreement is the MII. But getting to that point is radically different. Each has different needs. And the two rarely if ever speak the same language. One person's fade is another's dissolve. Just one for instance: now that MII's are cropping up in desktop environments, there is a need for documentation by Panasonic to be created with that market in mind, a market that needs a bit of a primer to help get them going; this is mutual, because traditionally video people using Mac's & PC's for graphics/cg's need help in figuring out how 32 bit color can truly mess up NTSC...and so it goes. * Please try to take part in the Broadcast at NAB, position the president for interviews. * Compile MII Equipment notes into a "For Sale" Pamphlet. * More articles about anything related to MII and it's users, as you are doing! * Expansion of test sites. * Articles that help in understanding how to interface MII equipment to other pieces of another format. ie. switcher, TBC, D-amps. * Perhaps more info from different producers regarding tips, problems, etc. * I feel that the Beta boy cartoon while funny is negative & cheapens the MII image. * Keep up technical hints & identified problem areas-including JVC stuff. * Addition of more continues on next page

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technical articles such as modifications (either factory or field produced) and tips on fixes that users have found for varied problems. * Some regional type of activities. * More information on production. What are users making with their gear? How are they doing it? * A common problem article and field experiences article. * Via user contribution, an "index" of MII equipment tips and problems, with a contact name issued once or twice a year. * Publicity! * More quick sources for MII tape. * Regional reps that could arrange regional meetings and demos, etc. Oh yeah, in the newsletter, the cartoon balloon type on "MII Man" is almost illegible. Perhaps it should be typed. * More technical articles for desktop video beginners. * I'd like to hear if any of the new tape suppliers are significantly better quality. * More application stories. * Troubleshooting information. * More comments from Panasonic (and JVC) about their plans for the MII format. * I would like to see a compilation of technical problems/idiosyncrasies & solutions - a manual to offset the shortcomings of Panasonics manuals. * I would like to know which service bulletins 1. must be done; 2. should only be done if a problem; 3. optional. We need a flagging. * Do a technical analysis and shoot-out- multigeneration. * Up to date list of software upgrades for each type of VCR.

3. Do you plan to attend NAB this April in Las Vegas ?

Yes 47.56% No 46.34% Not Sure 6.10%

4. If you plan to attend NAB, would you be interested in attending a MII Users Association meeting while at NAB?

Yes 53.66% No 0% Not Sure 1.22% Not Attending NAB 45.12%

5. Will you have the time and be willing to assist with MII Users Association activities (at NAB)?

Yes 26.83% No 19.51% Maybe 10.98% N/A 42.68%

6. Are there any specific issues/subjects you'd like to see covered at an Association meeting?

Yes 45.12% No 54.88%

Comments: Latest communications with Panasonic. * Tape issues-longer playing time and lower tape cost. * I would be interested in a user roundtable, an exchange of ideas concerning MII applications, problem solving, and resources in the MII domain. * Continued variety of applications. * More dialogue between members and Panasonic about new products, etc. needs to be initiated by Panasonic. * How long will MII be supported? * Getting straight answers from Panasonic, more input on design of machine features, more contact in machine design phase. * Greater awareness in the marketing of MII. * Quality control of manufactures of new machines must get better, they should work properly when you get them. * MII growth & acceptance as the "Best" format. * Interformat dubbing and editing. * Shoot out Beta SP/MII, we have both but like MII more-let everyone else see what they are missing. * Customer Service-needs improvement. Parts needs improvement-still have back order problems. * Would like to hear problems/solutions(technical). The 1/2" format does have its "problems". How about a comparison with Beta with a technical discussion and also a chance to view other members MII work for comparison. * Focus in on getting MII name out there (using ITVA etc., and spending Panasonic Ad money on Educating the video public about MII. * What Panasonic is doing (if at all) with the MII line of equipment. * What is the future of JVC in MII format, will they continue to support it??? How about a brief report of new MII products that are shown at the NAB?? * Poll members for maintenance records ie. head replacement after how many hours? Other key parts that need to be replaced too. * Audio * Continued vendor support. * Feedback for VTR/Systems interface with Matsushita, also facility networking. * Life cycle issues relating to MII family. * Support of Users by Panasonic-long range plan. * Now that Sony has come out with the Beta industrial format, is MII still going to be viable? * Pressure on JVC to give better support to purchasers of all type "8" JVC machines (like free service manuals, since they aren't that interested in doing service). Figure out a way to frighten Sony into stopping the practice of putting anti-Panasonic pressure on equipment dealers. * Interchange problems between Panasonic & JVC MII, MII "dovetailing" into D3. * Dropouts & bad tape. * The future of the organization; a one year plan. * Problems that are not the normal run. * Tape availability. * Future of the format-how can we assure that support will continue if/when Panasonic drops it. * Further development of MII stand alone animation frame controllers. The AU-65 idea is just the start. Big user market? * Basic maintenance of MII equipment. * Drop out problem with MII (tape problem, not machine). * Problems with FM audio, Panasonic needs to improve dissemination of technical/service information.

Thank you to everyone for responding to the survey.

Panasonic Technical Bulletins

Listing of Bulletins Available for the AU-550

The Association has obtained a set of Panasonic Technical Bulletins. We are in the process of cataloging all of these bulletins. Each month we will run the listing for another MII model until we have covered them all. This month it is the AU-550. Copies of the bulletins are available by submitting your written request to the association at:

MII Users Association of America
 c/o GMG International Inc.
 8580 Cinderbed Road, Suite 1000 or Fax (703) 339-0764
 Newington, VA 22122
 Attn: Debbie

Requests must be in writing and must include model number, bulletin number and subject covered. Also include your name and phone number (in case we have questions) and the complete mailing address for sending the copies to you. We will then send your copies out as soon as possible (we can fax them to you if necessary). If you are requesting those bulletins which apply to your machine, you must include the machines serial number.

Please note the following:

The Technical Support Division publishes Technical Bulletins for distribution to users of Panasonic broadcast equipment. Bulletins are distributed to aid in aligning, modifying and in servicing this equipment. The Technical Support Division Assumes no responsibility to pay for modifications, supply parts, exchange new production units for early production units or any obligation to upgrade existing products.

Bulletin #	Subject	SN
1	Service Manual Correction	—
2	Service Manual Correction	—
3	Capstan Speed Detection at Low Temp.	L7TNA0076
4	C Non-Linear Limiter Adjustment Range	L7TNA0076
5	Picture Brightness Fluctuation	L7TNA0076
6	Picture Brightness Fluctuation	A8TNA0132
7	Picture Brightness Fluctuation	A8TNA0132
8	Power Supply & Multi-Generator Pict. Interaction	A8TNA0132
9	IC Parts Standardization	A8TNA0132
10	Improvement of the LCD Display Circuit	A8TNA0132
11	Audio Pop Noise	A8TNA0132
12	Change of A/C Head	A8TNA0154
13	Change of Software (P-ROM)	A8TNA0154
14	Horizontal Stripes in Picture (HUM)	A8TNA0154
15	Bias-1 P.C. Board Transistor Substitutions	C8TNA0173
16	Improvement of the FM Audio Tone Quality	D8TNA0188
17	Reduction of CH3 FM Audio Switching Noise	varies
18	Reduction of FM Audio Switching Noise	D8TNA0188
19	Improvement of Muting Level Adjustment	D8TNA0188
20	FM Modulation Beat in Picture	G8TNA0271
21	Voltage to Drum Hall Element	H8TNA0312
22	Improvement of Burst Position Adjustment	I8TNA0330
23	Low Level FM Audio Signal Distortion	I8TNA0330
24	High Voltage Harness	—
25	Change of IP Spring	First Production
26	Standardization of Stopper Upper Holder	A8TNA0132
27	Change of Magnet Senor Holder	A8TNA0132
28	Part Number Change	C8TNA0173
29	Change of Arm Sleeve	C8TNA0173
30	Standardization of Parts	D8TNA0188
31	Change of Circuit Breaker	C8TNA0173
32	Change of Remote 9P Connector	C8TNA0173
33	Standardization of Parts	D8TNA0227
34	Standardization of Parts	D8TNA0227
35	Change of Turn Roller Spring	A8TNA0132
36	Change of the Upper Flange of the P10 Post	First Production
37	Standardization of Parts	A8TNA0154
38	Standardization of Loading Unit	F8TNA0247
39	Supply Take-up Brake Solenoids	H8TNA0312
40	Change of Sub Loading Unit	I8TNA0330
41	Change of the Upper Flanges of the P8,P9, P12posts	H8TNA0312
42	Standardization of Worm Unit	I8TNA0330
43	Standardization of Parts	I8TNA0330
44	Standardization of Parts	I8TNA0330
45	Change of the Upper Flanges of the P1 and P7 Posts	J8TNA0356
46	Parts Change Information	K8TNA0369
47	Standardization of Parts	—
48	Cassette Eject Modification	—
49	Change of Flat Cable for Cassette Compartment	K8TNA0368
50	Improvement of the XLR-4 DC IN Connector	G9TNA0382
51	Change of Slide Slide Switch	G9TNA0382
52	Service Manual Correction	—
53	Service Manual Correction	A8TNA0132
54	Change of Connectors	C8TNA0173
55	Standardization of Parts	C8TNA0173
56	Standardization of Parts	G8TNA0271
57	Service Manual Correction	—
58	Standardization of Packaging	H8TNA0312
59	Service Manual Correction	—
60	Improvement of Linear Audio Phase Characteristics	I8TNA0330
61	Deletion of Fan Motor Angle	J8TNA0361
62	Standardization of Screw	I8TNA0355
63	Service Manual Correction	—
64	Change of IC	H8TNA0312
65	Picture Quality in the Dub Mode	G9TNA0382
66	Service Manual Correction	—
67	Service Manual Correction	—
68	Change of Screw	G9TNA0382
69	Standardization of IC	I9TNA0399
70	Change of Turn Roller Guide	K8TNA0368

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Kyle Field
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Monthly Survey Questions

Please respond!

Each month the users association will poll users on specific MII issues and publish the results in the next newsletter. In this issue we are asking questions concerning technical issues raised by the membership over the past year. In order to do a fair and accurate survey, we need your help. Please send in your survey responses as soon as possible. Thank you.

1. When recording several actors or talent, do you combine audio to one channel or do you isolate all sources to separate channels?

Combine _____ Isolate _____

2. If you isolate, would you like to see four (4) source audio channels on PC based offline systems?

Yes _____ Not Necessary _____

3. a. How often do you clean the heads on your MII Studio VCRs?

[] 0-10 hours of use [] 10-25 hours of use [] 25 or more hours of use [] N/A

b. How often do you clean the heads on your MII Portable VCRs?

[] 0-10 hours of use [] 10-25 hours of use [] 25 or more hours of use [] N/A

Comments: _____
4. When you record audio for later MII post production, do you use you FM audio track (ch. 3 & 4), or conventional linear audio (ch. 1 & 2)?

check all that apply [] FM audio (ch. 3 & 4) [] Conventional linear audio (ch. 1 & 2)

Comments: _____

5. a. Do you notice more tape dropouts in the winter or the summer on your MII Studio VCRs?

[] winter [] summer [] neither [] year round

b. Do you notice more tape dropouts in the winter or the summer on your MII Portable VCRs?

[] winter [] summer [] neither [] year round

Comments: _____

6. What source footage are you using in post production?

check all that apply [] MII [] Betacam [] Betacam SP [] 3/4-inch [] 3/4-inch SP [] 1-inch [] SVHS [] Hi-8

[] 8mm [] VHS [] MI [] D1 [] D2 [] D3 [] other [] N/A-we don't post produce

Comments: _____

We would sincerely appreciate it if you responded to these questions, either by mail, phone or fax as soon as possible. Thank you for your input. 24 hour fax line (703) 339-0764 Phone (800) 966-1030 or (703) 339-8500
or Mail to:

MII Users Association of America
c/o GMG International, Inc.
8580 Cinderbed Rd., Suite 1000
Newington, VA 22122
ATTN: Debbie

Optional:

Name _____

Company _____

Phone _____

MII Users Association of America

Press Release Form

Requested by _____ Point of Contact _____

Company _____ Phone Number _____

Phone Number _____

Name of Production _____ Date of Production _____

Client _____ Production Company _____

Producer _____ Director _____

Talent _____ Subject of Production _____

Other Crew _____ Format(s) Used _____

Special Points of Interest (Attach additional pages if necessary)

Send to: MII Users Association of America, c/o Gardy McGrath Int'l, Inc., 8580 Cinderbed Rd, Suite 1000, Newington, VA 22122 or fax to (703) 339-0764

For Association Use Only

Date Received

Action Taken (where sent and when)
